

JOB# 10246

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039. Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. WAD980738546	Manifest Document No. 06103	2. Page 1 of 2	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address Alaskan Copper Works 628 South Hanford, Seattle, WA 98124				A. State Manifest Document Number	
4. Generator's Phone (206) 382-6569				B. State Generator's ID	
5. Transporter 1 Company Name Northwest EnviroService, Inc.		6. US EPA ID Number WAD058367152		C. State Transporter's ID	
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone (206) 622-1090	
9. Designated Facility Name and Site Address Northwest EnviroService, Inc. 1500 Airport Way South Seattle, WA 98134		10. US EPA ID Number WAD058367152		E. State Transporter's ID	
				F. Transporter's Phone	
				G. State Facility's ID	
				H. Facility's Phone (206) 622-1090	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)				12. Containers No. Type	13. Total Quantity
a. X Waste alkaline liquid, n.o.s. Corrosive material, NA1719.				1 DM	40
b. RQ Waste hazardous substance, liquid, n.o.s. ORM-E, NA9188. (D007 F006)				1 DM	G
c. RQ Waste hazardous substance, liquid, n.o.s. ORM-E, NA9188. (D007 F006)				1 DM	G
d. RQ Waste hazardous substance, solid, n.o.s. ORM-E, NA9188. (D007 F006)				1 DM	G
J. Additional Descriptions for Materials Listed Above a) WPQ 18899 - Oil, ammonium hydroxide, TCE 60-D b) WPQ 18900 - Heavy metal, sludge, chromium, nickel c) WPQ 18901 - Heavy metal sludge, chromium, nickel d) WPQ 18902 - Heavy metal sludge - chromium, nickel				K. Handling Codes for Wastes Listed Above HWP-L (1) HWP-L (2*) HWP-L (4)	
15. Special Handling Instructions and Additional Information					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name JOSEPH M. O'DON				Signature [Signature]	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name VICTORY TR. MURPHY				Signature [Signature]	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name				Signature [Signature]	
19. Discrepancy Indication Space					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name					
Signature				Month Day Year	

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UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. WAD980738546	Manifest Document No. 06103	22. Page 2 of 2	Information in the shaded areas is not required by Federal law.		
23. Generator's Name Alaskan Copper Works 628 South Hanford, Seattle, WA 98124 (206) 382-6569			L. State Manifest Document Number				
24. Transporter Company Name			25. US EPA ID Number		M. State Generator's ID		
26. Transporter Company Name			27. US EPA ID Number		N. State Transporter's ID		
					O. Transporter's Phone		
					P. State Transporter's ID		
					Q. Transporter's Phone		
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)			29. Containers No.	Type	30. Total Quantity	31. Unit Wt/Vol	R. Waste No.
a. PO Waste hazardous substance, solid, corrosive ORM-E, NA9188. (D007 F006)			1	DM		6	D006 D007 F006
b.							
c.							
d.							
e.							
f.							
g.							
h.							
i.							
S. Additional Descriptions for Materials Listed Above a) WFO 18303 - Heavy metal sludge - cadmium, chromium, nickel HWP-L Jeff Hulme - 628-8785 (#3)			T. Handling Codes for Wastes Listed Above				
32. Special Handling Instructions and Additional Information							
33. Transporter Acknowledgement of Receipt of Materials						Date	
Printed/Typed Name			Signature			Month Day Year	
34. Transporter Acknowledgement of Receipt of Materials						Date	
Printed/Typed Name			Signature			Month Day Year	
35. Discrepancy Indication Space							

LAND DISPOSAL RESTRICTION NOTIFICATION FORM
FIRST-THIRD SCHEDULED WASTES FOR WHICH TREATMENT STANDARDS HAVE
BEEN SET ("HARD-HAMMER" WASTES RESTRICTED AS OF AUGUST 8, 1988)

Generator Name: ALASKAN COPPER WORKS

Manifest Number: 06103

This form is submitted to Northwest EnviroService, Inc. in accordance with 40 CFR Part 268, which restricts the land disposal of certain hazardous wastes.

I am the initial generator of hazardous waste F006 that meets the treatment standards for both total (590 mg/kg) and amendable cyanide (30 mg/kg) without further treatment. Supporting data is available as requested by the receiving facility. For those constituents I make the following certification.

I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004 (d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of imprisonment.

Restricted Wastes Requires Treatment

F006 Treatment Standards

Cadmium	0.066 mg/L
Chromium (Total)	5.2 mg/L
Lead	0.51 mg/L
Nickel	0.32 mg/L
Silver	0.072 mg/L

I hereby certify that all information submitted in this document is complete and accurate to the best of my knowledge and information.

Printed/Typed Name

Signature

Date

NORTHWEST ENVIROSERVICE LAND DISPOSAL RESTRICTION NOTIFICATIONInstructions:

1. Fill in applicable manifest number.
2. Fill in applicable EPA Hazardous Waste Number.
3. Highlight applicable treatment standard from table below or restricted California list item.
4. Attach supportive waste analysis data if available.
5. Sign and date form.
6. Retain a completed copy to file with manifest.

Manifest Number 06103Restricted Waste Notification

This notification is provided in accordance with 40 CFR 268.7(a) (1). The above numbered manifest includes the following restricted waste (codes); F002.
The applicable treatment standards for these restricted wastes are highlighted below:

Effective - Nov 8, 1986

Solvent Treatment Standards Constituents of F001-F005 Spent Solvent Wastes	Extraction Concentrations (mg/l)	
	Wastewater	other
Acetone	0.05	0.59
Benzene	No Standard	
n-Butyl Alcohol	5.00	5.00
Carbon disulfide	1.05	4.81
Carbon Tetrachloride	0.05	0.96
Chlorobenzene	0.15	0.05
Cresols (cresylic acid)	2.82	0.75
Cyclohexanone	0.125	0.75
1,2-Dichlorobenzene	0.65	0.125
2-Ethoxyethanol	No Standard	
Ethyl Acetate	0.05	0.75
Ethylbenzene	0.05	0.053
Ethyl ether	0.05	0.75
Isobutanol	5.00	5.00
Methanol	0.25	0.75
Methylene chloride	0.20	0.96
Methyl ethyl ketone	0.05	0.75
Methyl Isobutyl ketone	0.05	0.33
Nitrobenzene	0.66	0.125
2-Nitropropane	No Standard	
Pyridine	1.12	0.33
Tetrachloroethylene	0.079	0.05
Toluene	1.12	0.33
1,1,1-Trichloroethane	1.05	0.41
1,1,2-Trichloro-1,2,2-Trifluoro- ethane	1.05	0.96
Trichloroethylene	0.062	0.091
Trichlorofluoromethane	0.05	0.96
Xylene	0.05	0.15

- ___ 1) Liquid Hazardous Waste having a pH less than or equal to 2.
- ___ 2) Liquid Hazardous Waste containing PCB at or greater than 50 ppm.
- ___ 3) Liquid Hazardous Waste that are primarily water and contains halogenated organic compounds (HOC) in total concentration greater than or equal to 1,000 ppm and less than 10,000 ppm.
- ___ 4) Liquid Hazardous Waste, including free liquids associated with any solid or sludge containing metals that are greater than or equal to those specified below. All represented in ppm.
- | | |
|------------------------|------------------|
| ___ Arsenic 500 | ___ Cadmium 100 |
| ___ Chromium 500 | ___ Lead 500 |
| ___ Mercury 20 | ___ Nickel 134 |
| ___ Selenium 100 | ___ Thallium 130 |
| ___ Free Cyanide 1,000 | |

A. I certify all information submitted is complete and accurate to the best of my knowledge.

Printed/Typed Name

Signature

Date

B. If you have treated the waste in compliance with the applicable standards specified in 40 CFR 268 Subpart D sign the following certification statement.

I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA section 3004 (d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

Printed/Typed Name

Signature

Date

C. Restricted waste subject to variance. List the specific variance: _____

I certify all information submitted is complete and accurate to the best of my knowledge.

Printed/Typed Name

Signature

Date